

Hayes

#9/52
3-23-01

1621

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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/423,516

DATE: 03/14/2000
TIME: 16:17:05

Input Set: I423516.RAW

This Raw Listing contains the General Information
Section and up to first 5 pages.

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TECH CENTER 1600/2900

1 <110> APPLICANT: Imperial Cancer Research Technology Limited
2 <120> TITLE OF INVENTION: Polypeptides and their use in therapy
3 <130> FILE REFERENCE: IMPW/P18999PC
4 <140> CURRENT APPLICATION NUMBER: US/09/423,516
5 <141> CURRENT FILING DATE: 2000-02-10
6 <160> NUMBER OF SEQ ID NOS: 2
7 <170> SOFTWARE: PatentIn Ver. 2.0
8 <210> SEQ ID NO 1
9 <211> LENGTH: 49
10 <212> TYPE: DNA
11 <213> ORGANISM: Artificial Sequence
12 <220> FEATURE:
13 <223> OTHER INFORMATION: Description of Artificial Sequence double stranded
14 oligonucleotide
15 <400> SEQUENCE: 1
16 cacagtcagg acatcatcat catcatcatt aaggatcctc tagaggtac 49
17 <210> SEQ ID NO 2
18 <211> LENGTH: 728
19 <212> TYPE: PRT
20 <213> ORGANISM: h. sapiens
21 <400> SEQUENCE: 2
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23 1 5 10 15
24 Leu His Leu Leu Leu Leu Pro Ile Ala Ile Pro Tyr Ala Glu Gly Gln
25 20 25 30
26 Arg Lys Arg Arg Asn Thr Ile His Glu Phe Lys Lys Ser Ala Lys Thr
27 35 40 45
28 Thr Leu Ile Lys Ile Asp Pro Ala Leu Lys Ile Lys Thr Lys Lys Val
29 50 55 60
30 Asn Thr Ala Asp Gln Cys Ala Asn Arg Cys Thr Arg Asn Lys Gly Leu
31 65 70 75 80
32 Pro Phe Thr Cys Lys Ala Phe Val Phe Asp Lys Ala Arg Lys Gln Cys
33 85 90 95
34 Leu Trp Phe Pro Phe Asn Ser Met Ser Ser Gly Val Lys Lys Glu Phe
35 100 105 110
36 Gly His Glu Phe Asp Leu Tyr Glu Asn Lys Asp Tyr Ile Arg Asn Cys
37 115 120 125
38 Ile Ile Gly Lys Gly Arg Ser Tyr Lys Gly Thr Val Ser Ile Thr Lys
39 130 135 140
40 Ser Gly Ile Lys Cys Gln Pro Trp Ser Ser Met Ile Pro His Glu His
41 145 150 155 160
42 Ser Phe Leu Pro Ser Ser Tyr Arg Gly Lys Asp Leu Gln Glu Asn Tyr
43 165 170 175
44 Cys Arg Asn Pro Arg Gly Glu Glu Gly Gly Pro Trp Cys Phe Thr Ser

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45			180				185			190						
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47			195					200					205			
48	Val	Glu	Cys	Met	Thr	Cys	Asn	Gly	Glu	Ser	Tyr	Arg	Gly	Leu	Met	Asp
49			210				215					220				
50	His	Thr	Glu	Ser	Gly	Lys	Ile	Cys	Gln	Arg	Trp	Asp	His	Gln	Thr	Pro
51	225					230					235					240
52	His	Arg	His	Lys	Phe	Leu	Pro	Glu	Arg	Tyr	Pro	Asp	Lys	Gly	Phe	Asp
53				245						250					255	
54	Asp	Asn	Tyr	Cys	Arg	Asn	Pro	Asp	Gly	Gln	Pro	Arg	Pro	Trp	Cys	Tyr
55			260						265					270		
56	Thr	Leu	Asp	Pro	His	Thr	Arg	Trp	Glu	Tyr	Cys	Ala	Ile	Lys	Thr	Cys
57			275					280					285			
58	Ala	Asp	Asn	Thr	Met	Asn	Asp	Thr	Asp	Val	Pro	Leu	Glu	Thr	Thr	Glu
59			290				295					300				
60	Cys	Ile	Gln	Gly	Gln	Gly	Glu	Gly	Tyr	Arg	Gly	Thr	Val	Asn	Thr	Phe
61	305					310					315					320
62	Trp	Asn	Gly	Ile	Pro	Cys	Gln	Arg	Trp	Asp	Ser	Gln	Tyr	Pro	His	Glu
63				325						330					335	Asn
64	His	Asp	Met	Thr	Pro	Glu	Asn	Phe	Lys	Cys	Lys	Asp	Leu	Arg	Glu	Thr
65			340						345					350		
66	Tyr	Cys	Arg	Asn	Pro	Asp	Gly	Ser	Glu	Ser	Pro	Trp	Cys	Phe	Thr	Thr
67			355					360					365			
68	Asp	Pro	Asn	Ile	Arg	Val	Gly	Tyr	Cys	Ser	Gln	Ile	Pro	Asn	Cys	Asp
69			370				375					380				
70	Met	Ser	His	Gly	Gln	Asp	Cys	Tyr	Arg	Gly	Asn	Gly	Lys	Asn	Tyr	Met
71	385					390					395					400
72	Gly	Asn	Leu	Ser	Gln	Thr	Arg	Ser	Gly	Leu	Thr	Cys	Ser	Met	Trp	Asp
73				405						410					415	
74	Lys	Asn	Met	Glu	Asp	Leu	His	Arg	His	Ile	Phe	Trp	Glu	Pro	Asp	Ala
75			420						425					430		
76	Ser	Lys	Leu	Asn	Glu	Asn	Tyr	Cys	Arg	Asn	Pro	Asp	Asp	Asp	Ala	His
77			435					440					445			
78	Gly	Pro	Trp	Cys	Tyr	Thr	Gly	Asn	Pro	Leu	Ile	Pro	Trp	Asp	Tyr	Cys
79			450				455					460				
80	Pro	Ile	Ser	Arg	Cys	Glu	Gly	Asp	Thr	Thr	Pro	Thr	Ile	Val	Asn	Leu
81	465					470					475					480
82	Asp	His	Pro	Val	Ile	Ser	Cys	Ala	Lys	Thr	Lys	Gln	Leu	Arg	Val	Val
83				485						490					495	
84	Asn	Gly	Ile	Pro	Thr	Arg	Thr	Asn	Ile	Gly	Trp	Met	Val	Ser	Leu	Arg
85			500						505					510		
86	Tyr	Arg	Asn	Lys	His	Ile	Cys	Gly	Gly	Ser	Leu	Ile	Lys	Glu	Ser	Trp
87			515					520					525			
88	Val	Leu	Thr	Ala	Arg	Gln	Cys	Phe	Pro	Ser	Arg	Asp	Leu	Lys	Asp	Tyr
89			530				535					540				
90	Glu	Ala	Trp	Leu	Gly	Ile	His	Asp	Val	His	Gly	Arg	Gly	Asp	Glu	Lys
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92	Cys	Lys	Gln	Val	Leu	Asn	Val	Ser	Gln	Leu	Val	Tyr	Gly	Pro	Glu	Gly
93				565						570					575	
94	Ser	Asp	Leu	Val	Leu	Met	Lys	Leu	Ala	Arg	Pro	Ala	Val	Leu	Asp	Asp

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99		610		615		620	
100	Tyr Asp Gly Leu Leu Arg Val Ala His Leu Tyr Ile Met Gly Asn Glu						
101	625		630		635		640
102	Lys Cys Ser Gln His His Arg Gly Lys Val Thr Leu Asn Glu Ser Glu						
103		645		650		655	
104	Ile Cys Ala Gly Ala Glu Lys Ile Gly Ser Gly Pro Cys Glu Gly Asp						
105		660		665		670	
106	Tyr Gly Gly Pro Leu Val Cys Glu Gln His Lys Met Arg Met Val Leu						
107		675		680		685	
108	Gly Val Ile Val Pro Gly Arg Gly Cys Ala Ile Pro Asn Arg Pro Gly						
109		690		695		700	
110	Ile Phe Val Arg Val Ala Tyr Tyr Ala Lys Trp Ile His Lys Ile Ile						
111	705		710		715		720
112	Leu Thr Tyr Lys Val Pro Gln Ser						
113		725					

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Line ? Error/Warning

Original Text
